ABSTRACT OF THE DISCLOSURE

A post in a fluid passage for passing a fluid flow extends across a part of the fluid flow; a measuring duct in the post extends through the post; and a flow rate detector is located in the measuring duct. The measuring duct has a fluid introduction port with an elongated shape, the measuring duct is constricted and has at least a portion located between the fluid introduction port and the flow rate detector, substantially smoothly narrowing toward a downstream direction of the flow in a longitudinal direction of the elongated shape.

ABSTRACT OF THE DISCLOSURE

There are provided a post to be provided in a fluid passage for passing a fluid flow so as to extend across a part of the fluid flow; a measuring duct formed in the post so as to extend therethrough: and a flow rate detector provided in the measuring duct. The measuring duct has a fluid introduction port formed in an elongated shape, the measuring duct is contracted so as to have at least a portion thereof between the fluid introduction port and the flow rate detector substantially smoothly narrowed toward a downstream direction of the flow in a longitudinal direction of the elongated shape.